



Fig. 5A

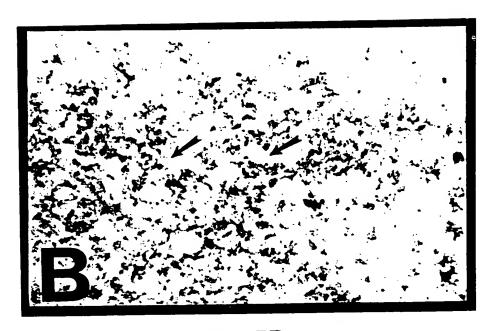


Fig. 5B

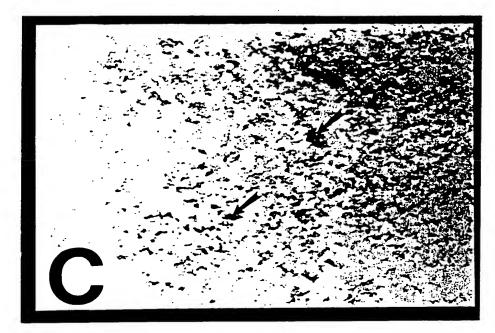
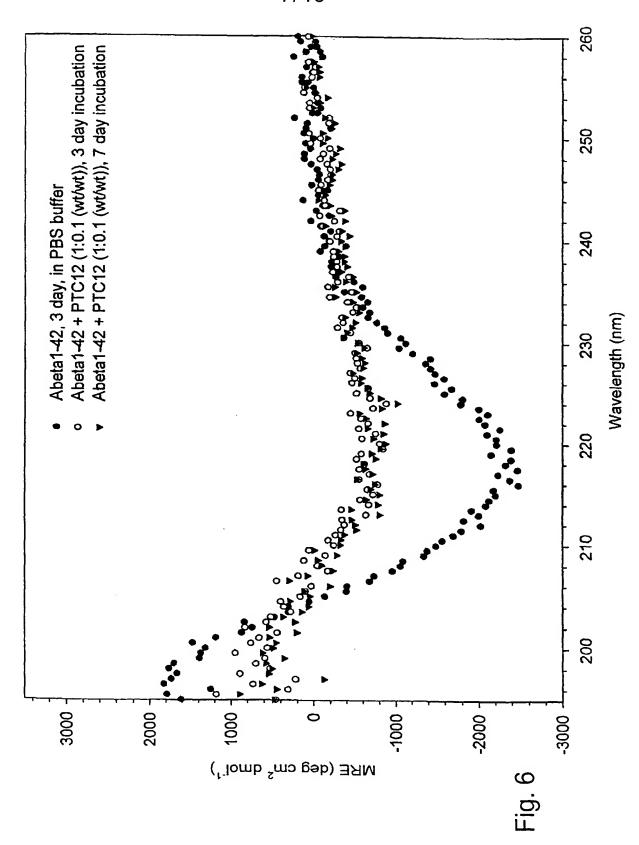


Fig. 5C



Fig. 5D



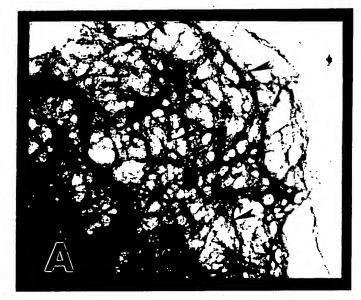


Fig. 7A

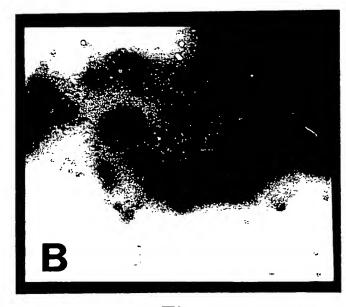
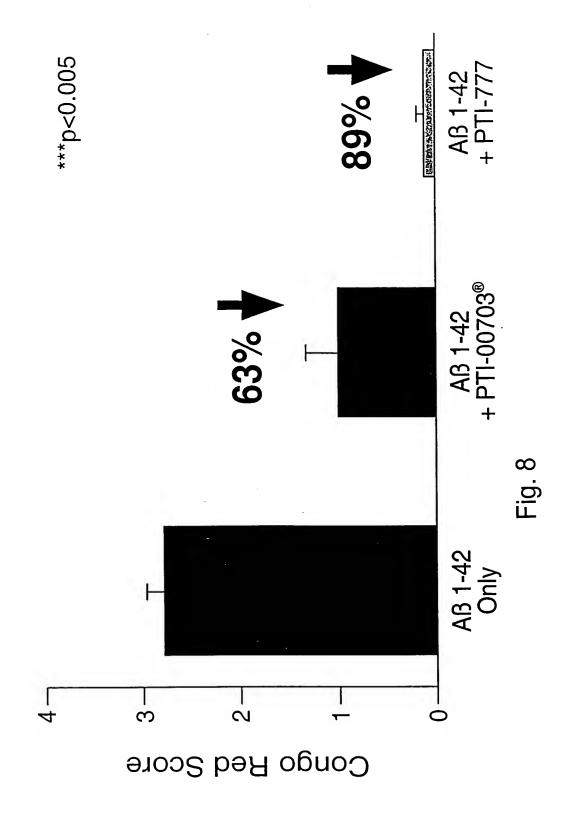


Fig. 7B



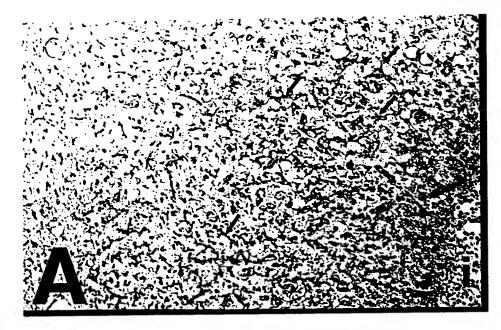


Fig. 9A

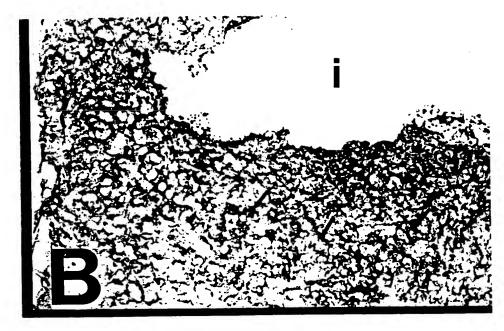


Fig. 9B

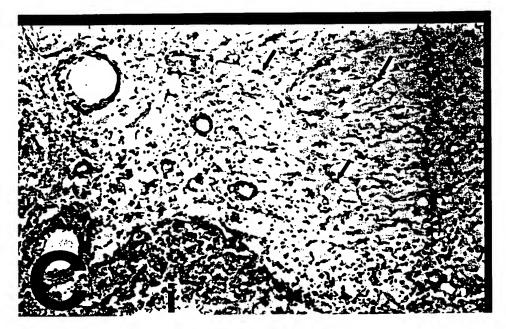


Fig. 9C

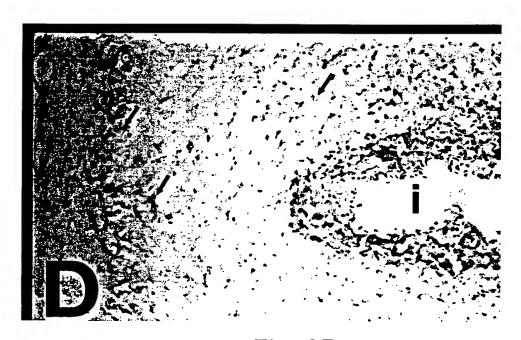
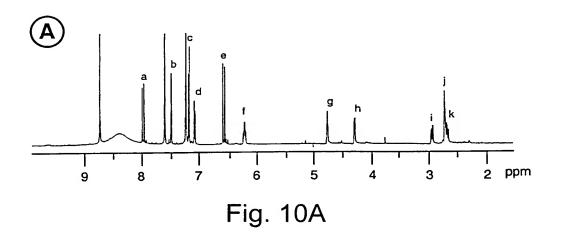


Fig. 9D



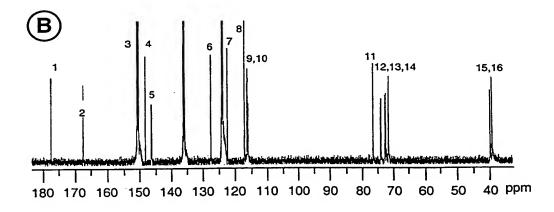
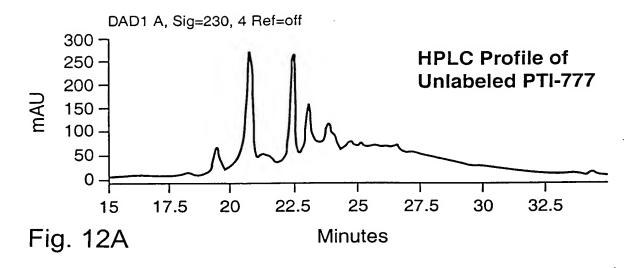
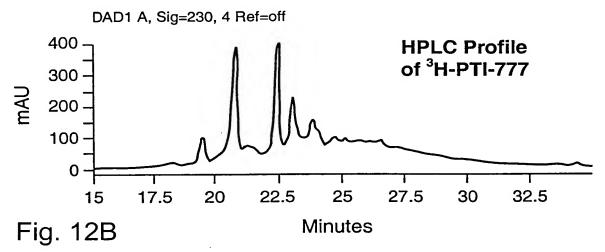
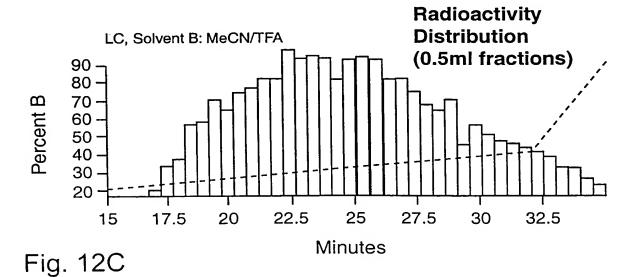
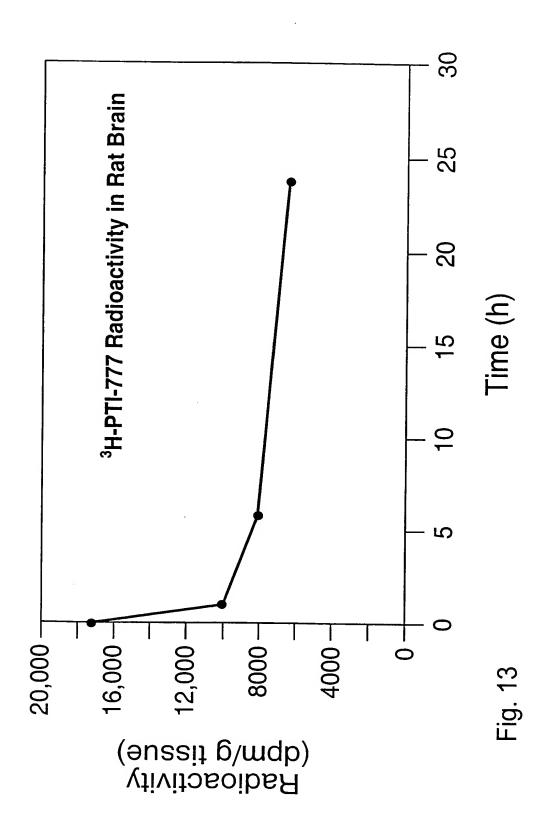


Fig.10B









## Jaguar Summed Mass Spectrum Report

File Name:

G:\\_\_41.dat

Time Run: 11/13/00 11:01:40 AM Report Created: 11/13/00 11:03:26 AM

Method Name: Sample ID: Instrument:

**JAGUAR** 

Operator:

Ionization Mode: ESI - positive ions

Spec # Range: 2706 - 2778

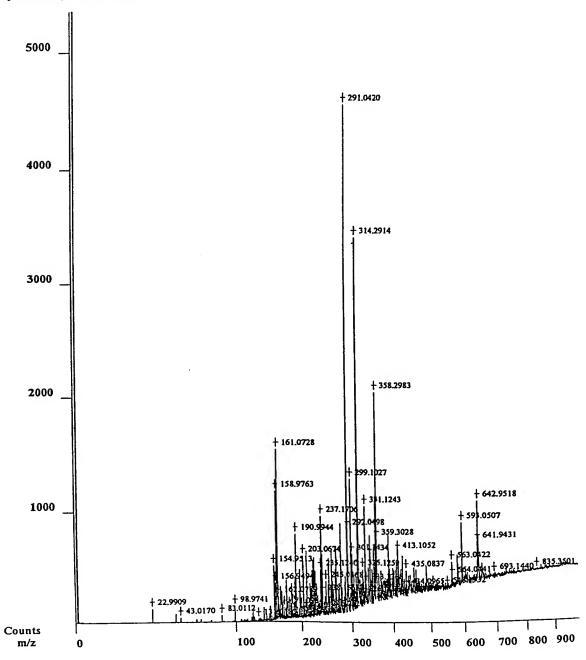
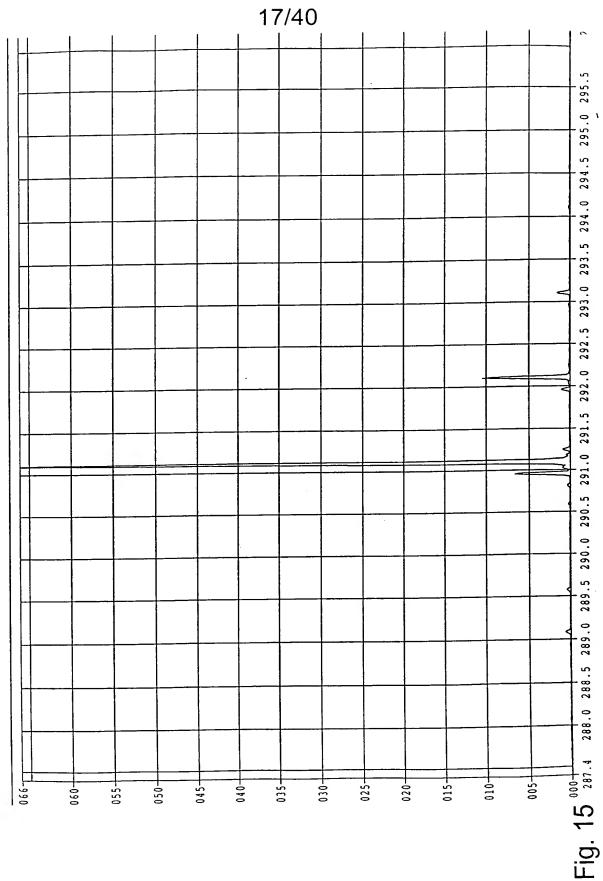


Fig. 14



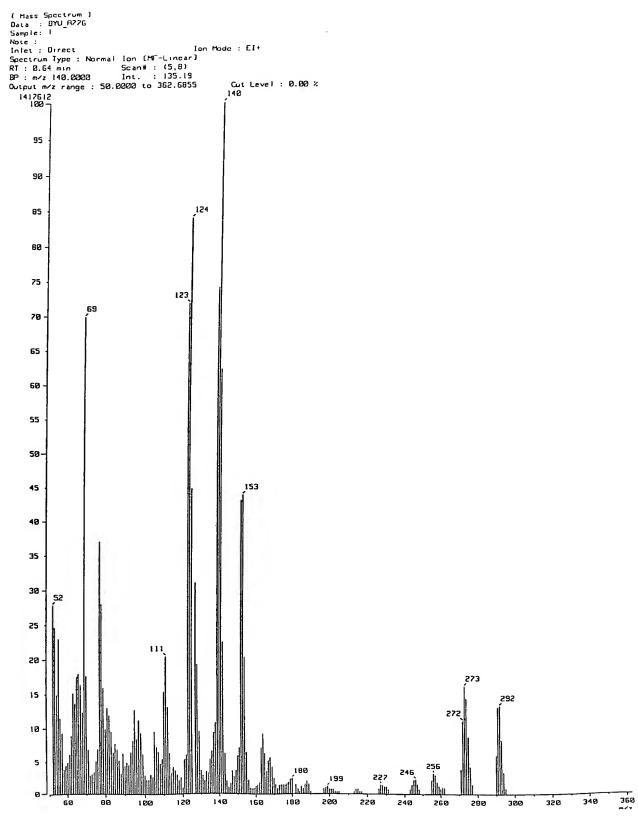


Fig. 16

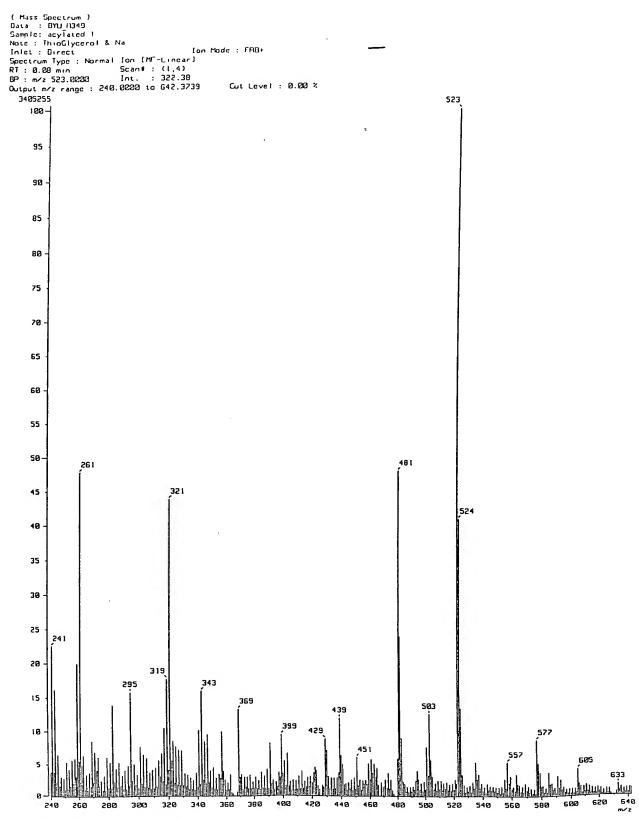


Fig. 17

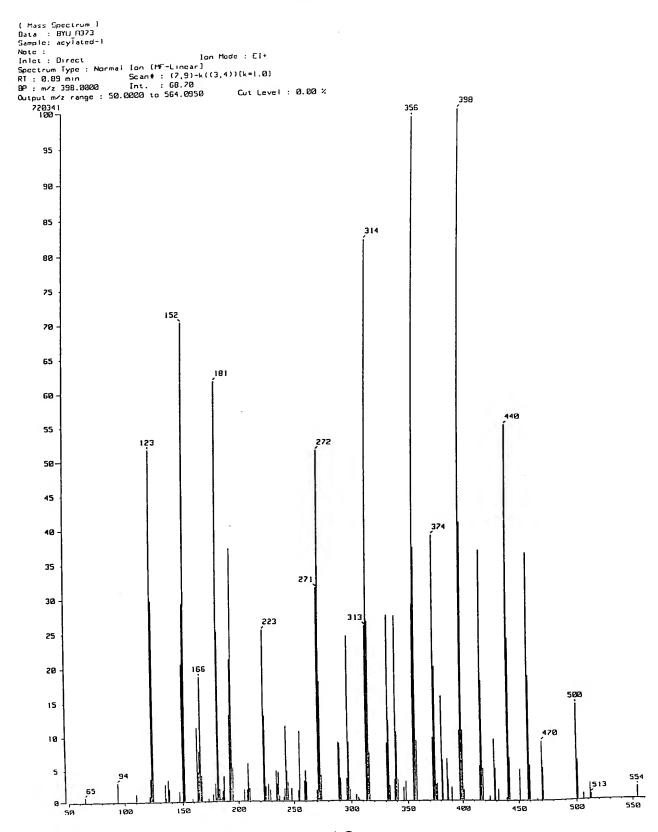
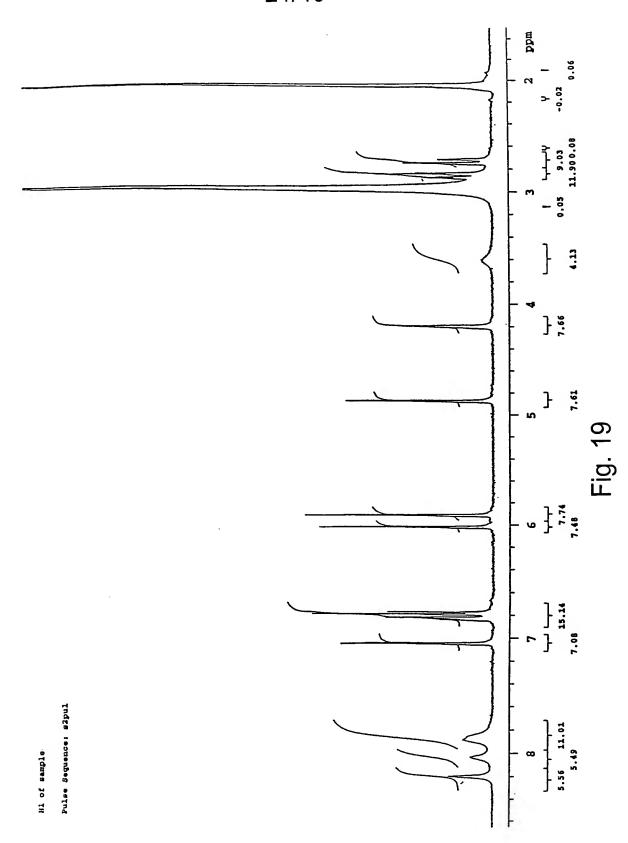
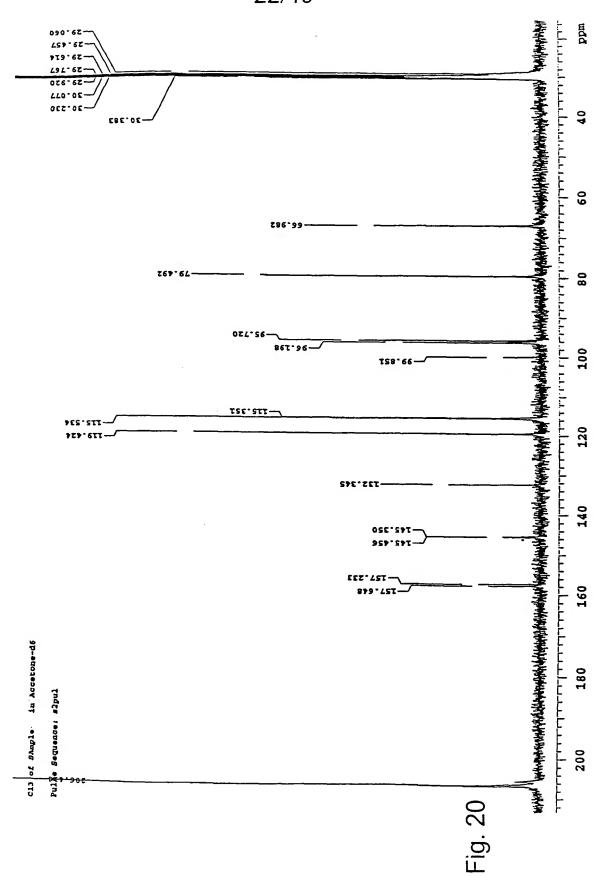
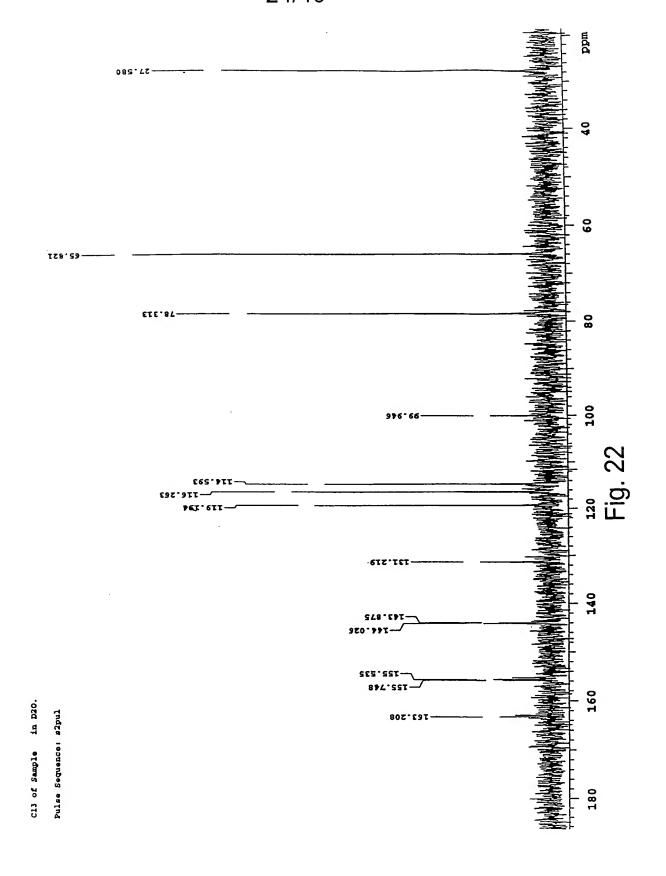
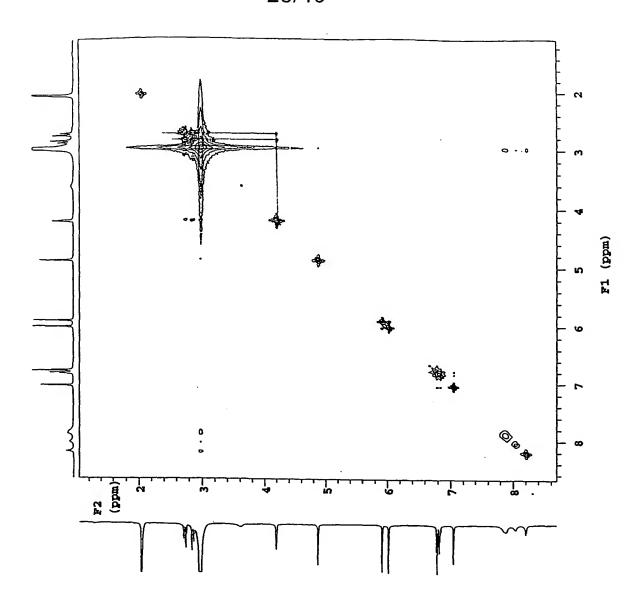


Fig. 18









Width 3817.5 Hz
2D Width 3817.5 Hz
16 repetitions
159 increments
OBERNYR H1, 499.8816428 MHz

PULSE SEQUENCE: relayh COSY 90-90

Acq. time 0.302 sed

Pulse Sequence: relayh

COSY of Sample

Solvent: Adetone
Ambient temperature
UNITY-500 "nmr500"

F1 DATA PROCESSING Line broadening 0.3 Hz FT size 1024 x 1024 Total time 14 min, 12 sec

DATA PROCESSING

Fig. 23

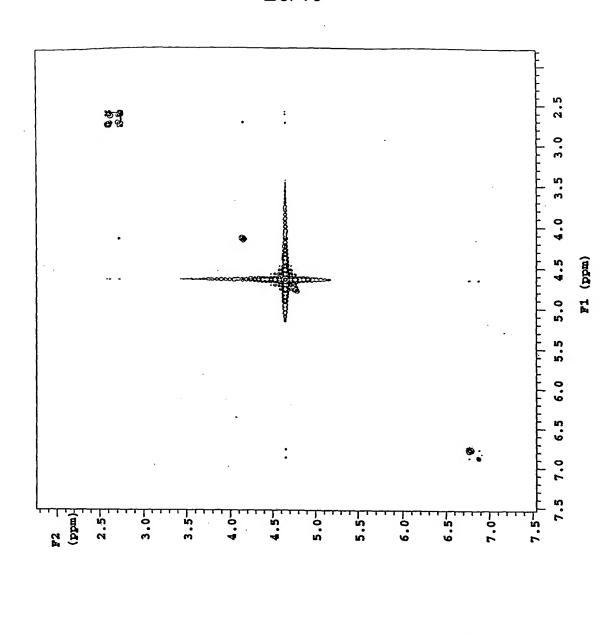


FIG. 24/

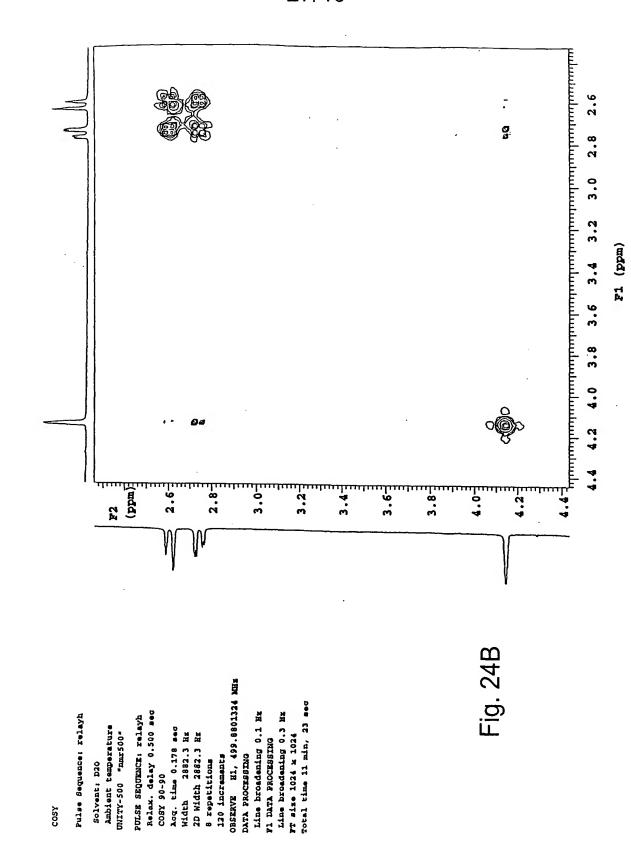
Pulse Sequence: relayh

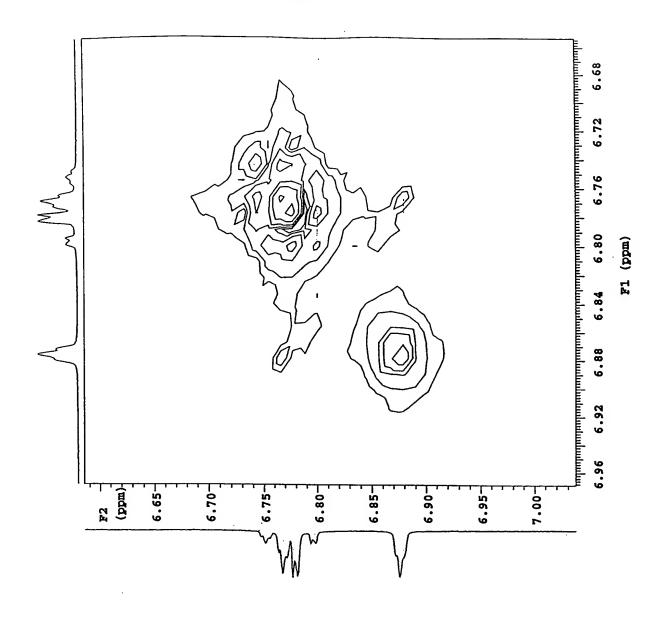
Solvent: D20

Ambient temperature UNITY-500 "nmr500" Acq. time 0.178 sec Width 2882.3 Hz 2D Width 2882.3 Hz 8 repetitions 120 increments OBSERVE H1, 499.8801324 MHz

PULSE SEQUENCE: relayh Relax. delay 0.500 sed COSY 90-90 Line broadening 0.1 Hz F1 DATA PROCESSING Line broadening 0.3 Hz FT sixe 1024 x 1024 Total time 11 min, 23 sec

DATA PROCESSING





OBSERVE H1, 499.8801324 MHz

DATA PROCESSING

Width 2882.3 Hz
2D Width 2882.3 Hz
8 repetitions
120 increments

Relax. delay 0.500 sed COSY 90-90

Acq. time 0.178 sed

PULSE SEQUENCE: relayh

Ambient temperature UNITY-500 "nmr500" Fotal time 11 min, 23 sed

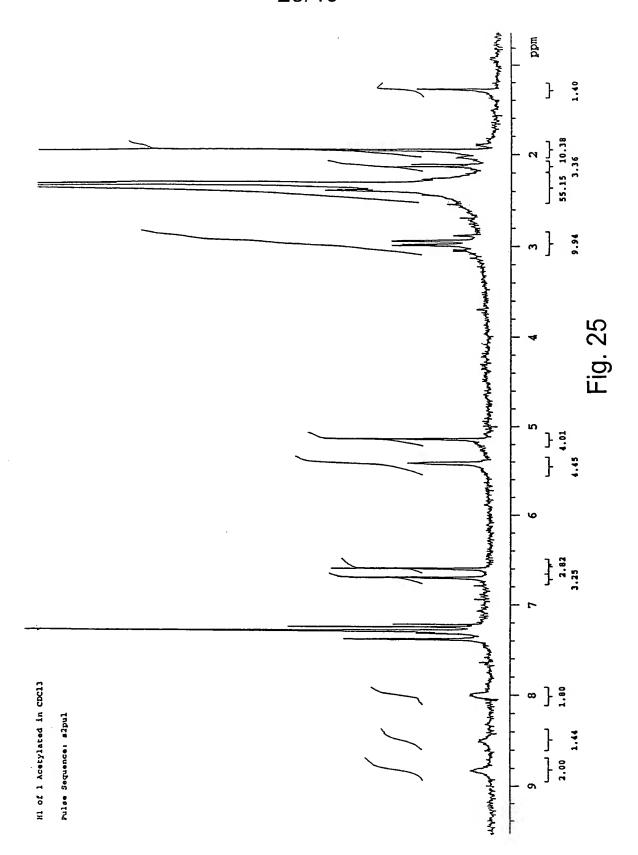
Line broadening 0.1 Ex FI DATA PROCESSING Line broadening 0.3 Hz FT sixe 1024 x 1024

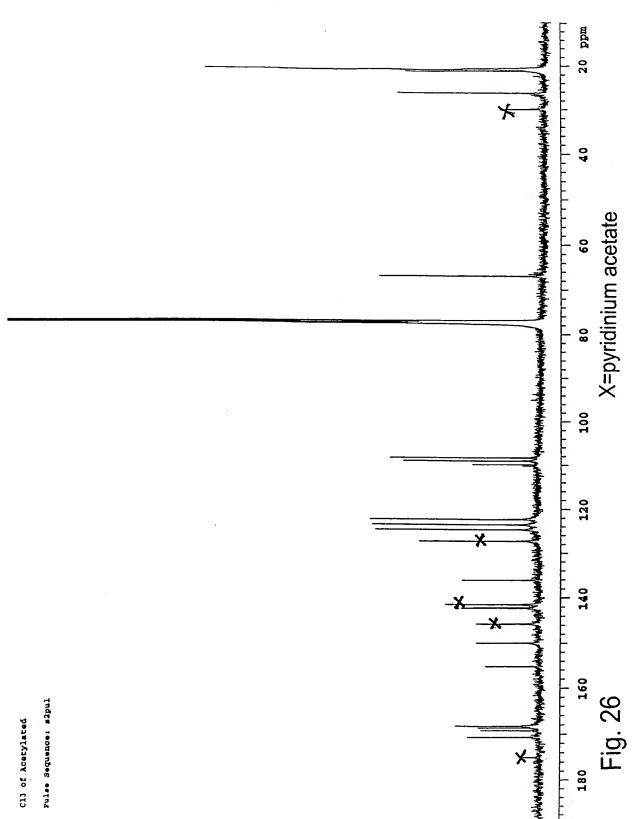
Fig. 24(

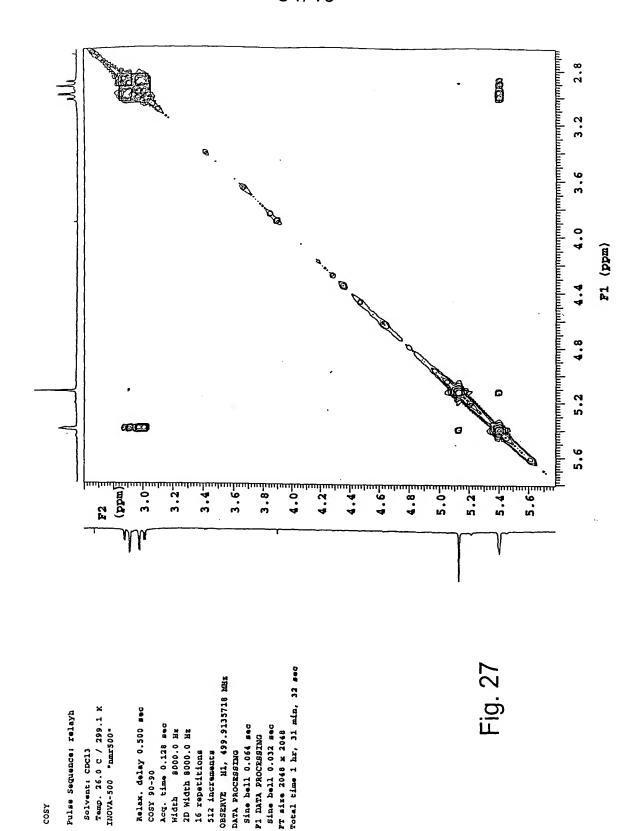
COSY

Pulse Sequence: relayh

Solvent: D20







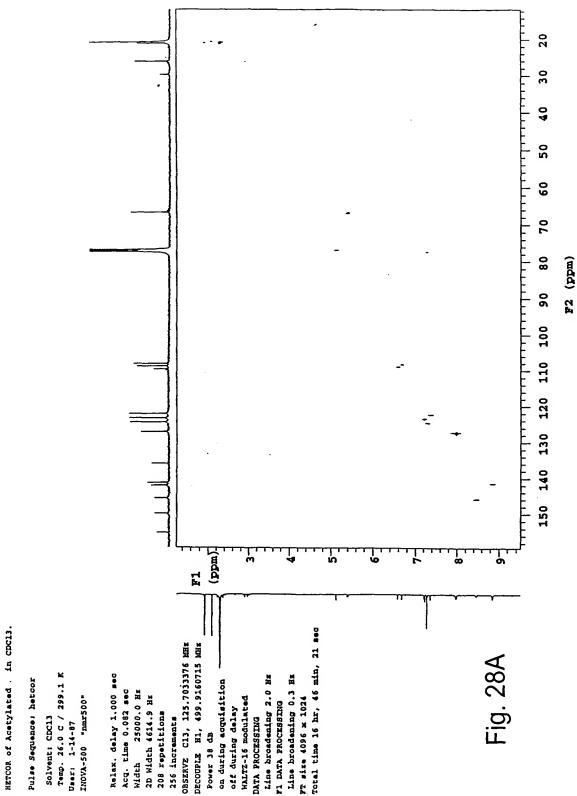
512 increments OBSERVE H1, 499.9135718 MHz

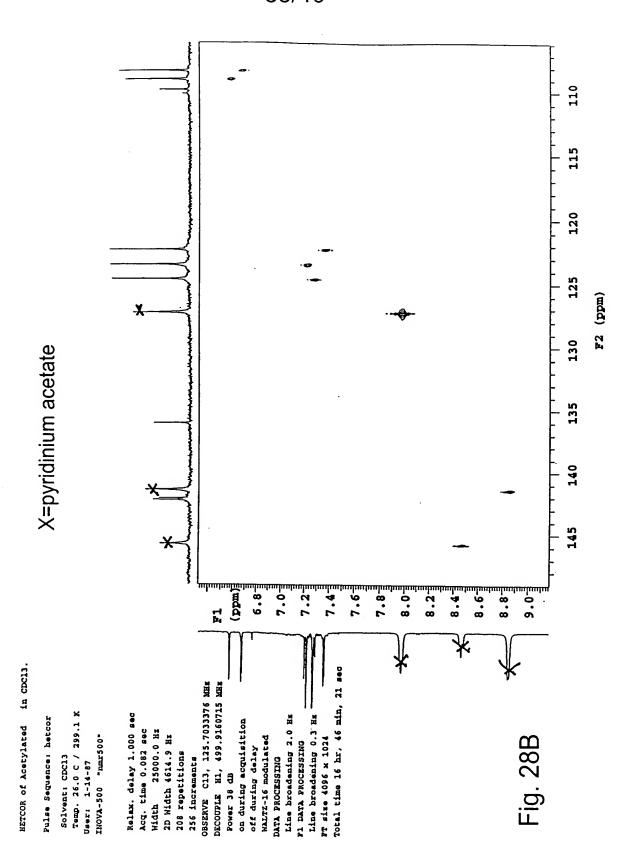
sine bell 0.064 sed Pl Data Processing DATA PROCESSING

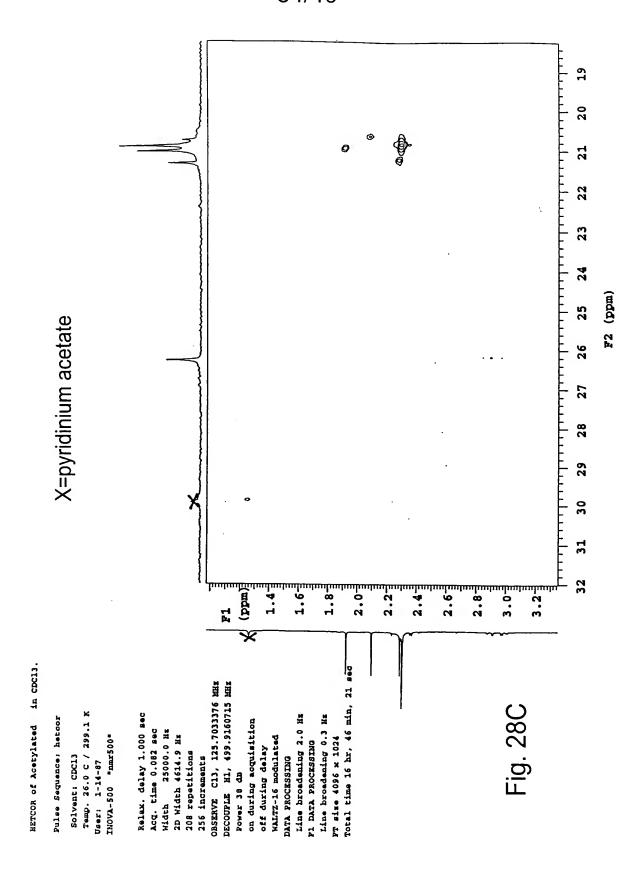
Nelax, delay 0.500 sec
COSY 90-90
Acq. time 0.128 sec
Width 8000.0 Hz
2D Width 8000.0 Hz

Solvent: CDC13 Temp. 26.0 C / 299.1 K INOVA-500 "nmr500"

Pulse Sequence: relayh







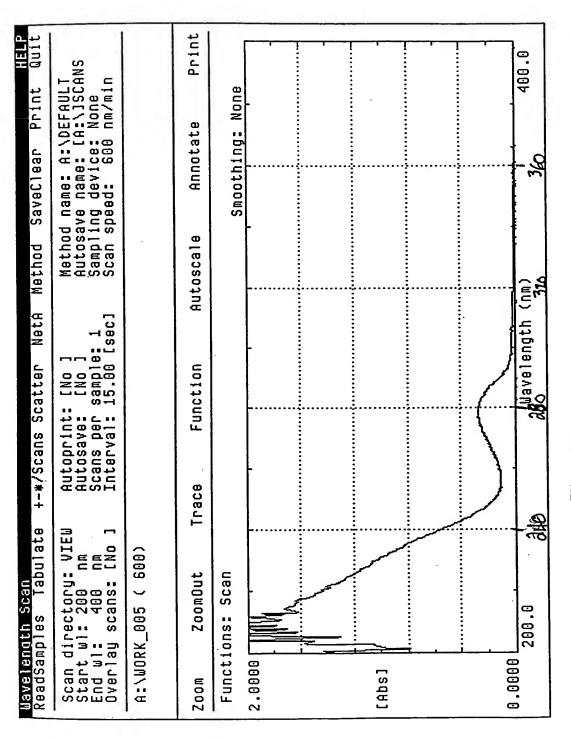


Fig. 29

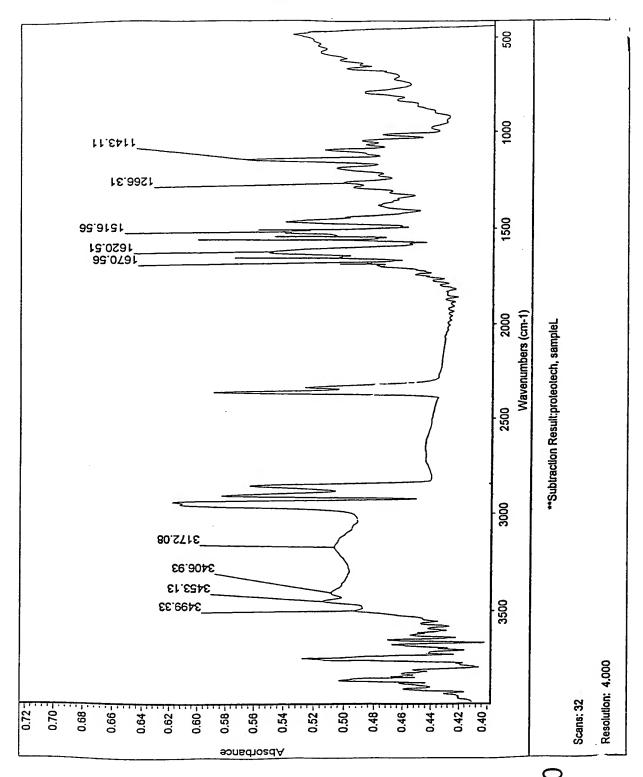
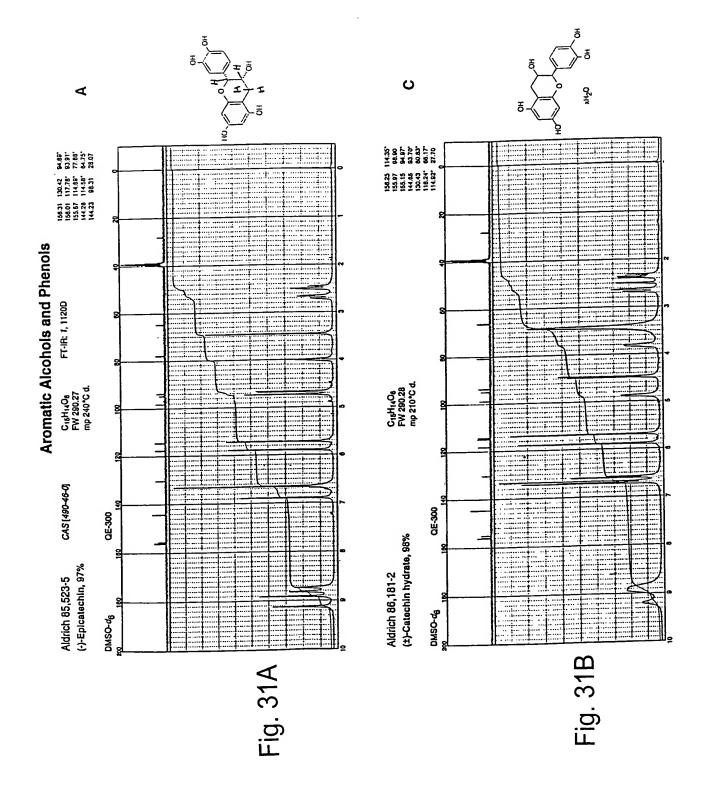
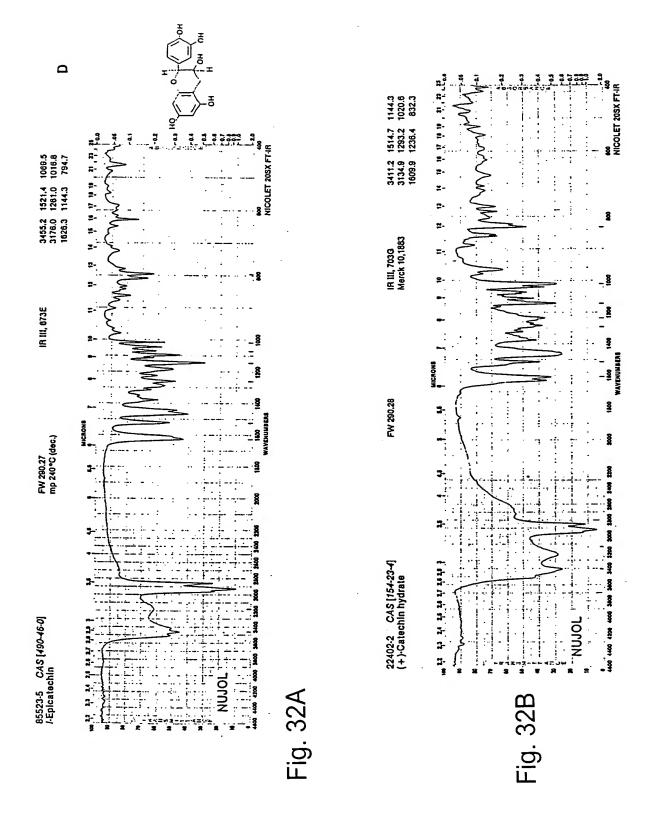


Fig. 3(





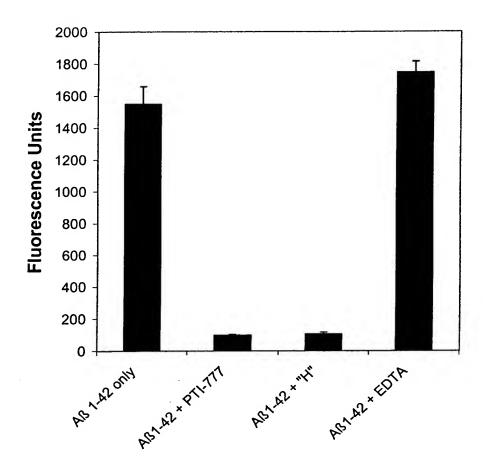


Fig. 33



Fig. 34